



### Discrete I/O Modules (Input)

RSTi discrete input modules are available for a wide range of applications requiring DC voltages (5 VDC, 24 VDC, 48 VDC) and AC voltages (110 VAC, 220 VAC). The input modules are available in 4, 8 or 16 point density to optimize panel space.

	ST-1324	ST-131F	ST-1218	ST-1228	ST-121F
<b>Product Name</b>	48 VDC Input, 4 points Negative Logic	48 VDC Input, 16 points Positive Logic	12/24 VDC Input, 8 points Positive Logic	12/24 VDC Input, 8 points Negative Logic	12/24 VDC Input, 16 points Positive Logic
<b>Lifecycle Status</b>	Active	Active	Active	Active	Active
<b>Module Type</b>	Discrete Input	Discrete Input	Discrete Input	Discrete Input	Discrete Input
<b>Input Voltage Range</b>	48 VDC (34 VDC to 60 VDC)	48 VDC (34 VDC to 60 VDC)	24 VDC (10.2 VDC to 28.8 VDC)	24 VDC (10.2 VDC to 28.8 VDC)	24 VDC (10.2 VDC to 28.8 VDC)
<b>Number of Points</b>	4	16	8	8	16
<b>Points per Common</b>	4	16	8	8	16
<b>Input Impedance</b>	~12K ohms	~12K ohms	~5.1K ohms	~5.1K ohms	~5.1K ohms
<b>Input Signal Delay</b>	3.0msec	3.0msec	3.0msec	3.0msec	3.0msec
<b>Filtering Time</b>		Typical 1.5 msec.	Typical 1.5 msec.	Typical 1.5 msec.	Typical 1.5 msec.
<b>Trigger Voltage</b>	ON State: 48 VDC (34 VDC to 60 VDC) OFF State: 10 VDC	ON State: 48 VDC (34 VDC to 60 VDC) OFF State: 10 VDC	ON State: 10.2 to 28.8 VDC OFF State: 5 VDC	ON State: 10.2 to 28.8 VDC OFF State: 5 VDC	ON State: 10.2 to 28.8 VDC OFF State: 5 VDC
<b>Maximum On State Current</b>	4 mA per point at 48 VDC	2.5 mA per point at 60 VDC	6 mA per point at 28.8 VDC	6 mA per point at 28.8 VDC	6 mA per point at 28.8 VDC
<b>Connector Type</b>	Spring Clamp Terminal Block	Connector Type Hirose, HIF3BA-20D-2.54DSA	Spring Clamp Terminal Block	Spring Clamp Terminal Block	Connector Type Hirose, HIF3BA-20D-2.54DSA
<b>Internal Power Used (5 VDC loading)</b>	35 mA @ 5.0 VDC Maximum	45 mA @ 5.0 VDC Maximum	35 mA @ 5.0 VDC Maximum	35 mA @ 5.0 VDC Maximum	45 mA @ 5.0 VDC Maximum
<b>Dimensions (H x W x D) in mm</b>	99 x 12 x 70	99 x 12 x 70	99 x 12 x 70	99 x 12 x 70	99 x 12 x 70